

# ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

14

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 12/05/2013		2. CONTRACT NO. (If any) EP-W-13-024		6. SHIP TO:			
3. ORDER NO. 0003		4. REQUISITION/REFERENCE NO.		a. NAME OF CONSIGNEE R4 SESD			
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				b. STREET ADDRESS 980 College Station Road			
				c. CITY Athens		d. STATE GA	e. ZIP CODE 30605
7. TO: PHYLLIS TURVEY				f. SHIP VIA			
a. NAME OF CONTRACTOR ALION SCIENCE AND TECHNOLOGY CORPORATION							
b. COMPANY NAME				8. TYPE OF ORDER			
c. STREET ADDRESS 1000 BURR RIDGE PKWY (b)(4)				<input type="checkbox"/> a. PURCHASE REFERENCE YOUR:		<input checked="" type="checkbox"/> b. DELIVERY Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
d. CITY BURR RIDGE		e. STATE IL	f. ZIP CODE 605270849	Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.			
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE TIFSD			
11. BUSINESS CLASSIFICATION (Check appropriate box(es))						12. F.O.B. POINT	
<input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB						Destination	
13. PLACE OF		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)		16. DISCOUNT TERMS	
a. INSPECTION Destination	b. ACCEPTANCE Destination						
17. SCHEDULE (See reverse for Rejections)							
ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)	
	DUNS Number: 963450866 The Contractor shall perform all work in accordance with the statement of work, entitled "Tribal PM2.5 FRM Performance Evaluation Program & National Performance Audit Program - Field/Laboratory Support Continued ...						
18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)	
21. MAIL INVOICE TO:							
a. NAME RTP Finance Center						\$0.00	
b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive							
c. CITY Durham				d. STATE NC	e. ZIP CODE 27711	\$129,470.00	
22. UNITED STATES OF AMERICA BY (Signature)				23. NAME (Typed) Ross Miller TITLE: CONTRACTING/ORDERING OFFICER			

**ORDER FOR SUPPLIES OR SERVICES  
SCHEDULE - CONTINUATION**

PAGE NO

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 12/05/2013	CONTRACT NO. EP-W-13-024	ORDER NO. 0003
-----------------------------	-----------------------------	-------------------

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>Services" for Region 4 attached to this task order.            TOPO: Michael Crowe Max Expire Date: 09/15/2020            Admin Office:                SRRPOD                US Environmental Protection Agency                Ariel Rios Building                1200 Pennsylvania Avenue, N. W.                Mail Code: 3805R                Washington DC 20460            Period of Performance: 09/25/2013 to 09/15/2014</p> <p>Contract Base Period - Year 1</p> <p>Accounting Info:            11--E1-53GS-102A17-4183---1353PM3161-0            04 BFY: 11 Fund: E1 Budget Org: 53GS            Program (PRC): 102A17 Budget (BOC):            4183 DCN - Line ID: 1353PM3161-004            Funding Flag: Partial            Funded: \$0.00</p> <p>Accounting Info:            12--E1-53GS-102A17-4183---1353PM3161-0            03 BFY: 12 Fund: E1 Budget Org: 53GS            Program (PRC): 102A17 Budget (BOC):            4183 DCN - Line ID: 1353PM3161-003            Funding Flag: Partial            Funded: \$0.00</p> <p>Incrementally funded: \$17,000.00.</p>					
0002	<p>Contract Base Period - Year 2            (Option Line Item)            09/16/2014</p>				0.00	
0003	<p>Contract Base Period - Year 3            (Option Line Item)            09/16/2015</p> <p>The total funded amount is \$17,000.00. The ceiling amount is \$129,470.00.</p> <p>Note to RTP: The amount in the obligation Continued ...</p>				0.00	
TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))					\$0.00	

**ORDER FOR SUPPLIES OR SERVICES  
SCHEDULE - CONTINUATION**

PAGE NO

3

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER

CONTRACT NO.

ORDER NO.

12/05/2013

EP-W-13-024

0003

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	<p>field is \$0.00 as EAS deems this action an allocation. Incremental funding in the amount of \$17,000.00 has been allocated from the contract base to this task order.</p> <p>This order is signed on 12/05/2013. However, the effective date is 09/25/2013 because the contracting officer verbally authorized the contractor to proceed with work on that date.</p> <p>The obligated amount of award: \$0.00. The total for this award is shown in box 17(i).</p>					

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$0.00

AUTHORIZED FOR LOCAL REPRODUCTION  
PREVIOUS EDITION NOT USABLE

OPTIONAL FORM 348 (Rev. 4/2006)  
Prescribed by GSA FAR (48 CFR) 53.213(f)

**ESAT Region 4 Task Order 003 Statement of Work  
Tribal PM<sub>2.5</sub> FRM Performance Evaluation Program & National Performance Audit Program  
Field/Laboratory Support Services**

**Base Task Order Period of Performance 09/16/2013 – 09/15/2020**

**PURPOSE**

The purpose of this Task Order (TO) is to continue the operation of the following ambient air monitoring audit programs: PM<sub>2.5</sub> Federal Reference Method (FRM) Performance Evaluation Program (PM<sub>2.5</sub> PEP) including laboratory filter weighing support and Non-PEP National Performance Audit Program (NPAP) for the Cherokee Nations.

**Task Order Statement of Work**

The contractor shall perform and provide field support to EPA Region 4 and laboratory support services to the other EPA Regions or other government entities under the provisions of the contract Statement of Work (SOW) in all the Task Areas. This includes other applicable support functions such as equipment maintenance, repair, health & safety and environmental compliance activities outlined in the SOW and Standard Operating Procedures (SOP) listed later in this document. The Contractor shall perform site or project specific work as described below or as issued in the Technical Direction Forms (TDFs) at any time during the duration of the TO. The contractor shall prepare and perform quantitative analyses of samples as described in the contract SOW (Task Area I). In addition, the contractor shall manage sample log-in, sample tracking, chain-of-custody, maintain databases, prepare bench sheets, prepare backlog reports and track sample analysis projections for the analyses ordered by this task order or subsequent TDFs for samples received from field activities in EPA Regions or other government agencies. Costs for tribal program support functions under the NPAP (TO-001) and PM<sub>2.5</sub> PEP (TO-002) will be tracked separately under this task order Tribal (TO-003).

The contractor shall conduct NPAP "Through the Probe" audit annually at a selected ozone monitoring site operated by the Eastern Cherokee nation which shall also be tracked separately from the rest of the NPAP program (TO-001).

The contractor shall conduct PM<sub>2.5</sub> PEP audits annually for the Eastern Cherokee nation. Work for the tribal PM<sub>2.5</sub> PEP audits should be requested and tracked separately from the rest of the PM<sub>2.5</sub> PEP program (TO- 002). The contractor shall coordinate tribal field sampling activities with other field sampling activities for NPAP and PM<sub>2.5</sub> PEP sites if practical.

The contractor shall provide PM<sub>2.5</sub> PEP laboratory support nationally for tribal nations who have implemented the PM<sub>2.5</sub> FRM PEP program.

The contractor shall provide all labor, equipment (except on the laboratory property list), maintain all equipment, consumables, supplies, and material necessary to accomplish the task order. See the specific sections in applicable program SOPs and Guidelines Available to the Contractor.

The duration of this TO is expected to be 7 years based on the terms set forth in the contract SOW with a Contract Base Period of 3 years, Option Period of 2 years and Award Term of 2 years. The task order will be incrementally funded by the appropriation provided by the program budget office.



## Task Area Descriptions

This section describes the primary task areas (Task Area I, III and V) within this Task Order (TO) and the contract Statement of Work (SOW).

### Task Area I Analytical Support

#### A. Field Analytical Support

The contractor shall perform all field activities utilizing the field methods required by the SOPs listed at the end of this task under the heading, SOPs and Guidelines Available to the Contractor. A brief description of the field activities is given below.

TDFs will be issued monthly requesting the contractor to conduct work on this TO. The NPAP audit site schedule and parameter list will be developed by the EPA Task Order Contracting Officer Representative (TOCOR) and the contractor Team Leader in November of each for the next year. These sites/audits will be grouped into trips to maximize efficiency between the NPAP and PEP programs. The yearly audit schedule will be located on the SESD LAN G:\GNoah\NPAP PM25 ISO Paper\Calendar. **Approximately 6 Cherokee Nation site visits will be conducted each year in Region 4. These site visits will total approximately 6 day trips per year; 42 day trips during the period of performance.** The contractor is expected to conduct these trips as stated to complete the field responsibilities of this TO. Any proposed deviation from this trip grouping must be cleared through the Task Order Contracting Officer Representative (TOCOR) or Contract Level- Contracting Officer Representative (COR).

- For the PM<sub>2.5</sub> PEP Program, the contractor shall transport a portable PM<sub>2.5</sub> Federal Reference Method (FRM) performance evaluation sampling device to an established PM<sub>2.5</sub> site, assemble the instrument, collocate the sampler, perform verifications (calibration, as necessary,) install a filter and operate the instrument at the same 24-hour sampling mode (midnight to midnight) as the routine instrument. If scheduling dictates, the operator will leave this location to set up additional 24-hour performance evaluation sampling devices (midnight to midnight) at other routine sampling locations or conduct monitoring scheduled for NPAP sites. If the schedule does not allow for another set up, the operator may perform additional activities specified in the TO or TDF such as PM<sub>2.5</sub> CSN or IMPROVE performance audits. The contractor shall return to each site after the 24-hour sampling time, download the stored electronic monitoring data, record any additional required field information, remove and properly store the filter for transport, and disassemble the instrument. The contractor shall properly package the filter, the appropriate electronic data and hardcopy forms for transport to the National PM<sub>2.5</sub> PEP weighing laboratory at Region 4 SESD Athens. The field scientists will, if possible, determine if the PEP audit sampler and agency sampler collected valid samples. If a valid audit pair was not collected, the field scientist will inform the TOCOR so a re-audit can be scheduled. The PM<sub>2.5</sub> PEP field activities described above shall be performed at the specific monitoring sites scheduled for each year.

For all programs in this task order, the contractor will follow the coordinating SOP for completing each audit. The contractor will also follow the SESD ISO 17025 requirements for the PM<sub>2.5</sub> PEP listed under Ambient Air Sampling (SESDPROC-303-R2).

Monitoring sites will be assigned to the contractor for field support by means of TDFs issued and

approved by the TOCOR and COR. The contractor is responsible for planning and coordinating audit activities with the state, local, or tribal contacts. All work shall be completed in accordance with the instructions of the TDFs, including all referenced SOPs, QAPPs and documentation. No deviations from the required work, SOPs, instructions, or other procedures specified in TDFs, shall be made without prior receipt of alternate technical direction issued in accordance with the contract. If the contractor is in the field or on site, verbal direction from the TOCOR will be acceptable for deviation from the SOP.

As part of the routine field activities associated with the operation of the audit programs, the contractor shall make observations of the physical characteristics of the monitoring location and fill out a required Site Evaluation Checklist for each visit. The contractor should note that each listed monitoring location will be visited once annually. Digital photographs at the 4 cardinal directions are required for each site.

The contractor shall perform field QA/QC related activities as associated with this task, such as testing/calibration of samplers and ancillary equipment, calibrations, collocations, implementing field blanks, review of field data, entry of data into logbooks, preparation of chain-of-custody reports and deliverables, as specified in TDFs. Semi-annual "parking lot" collocation quality assurance studies of samplers used in routine audit work shall be performed in accordance with the SOP requirements for three consecutive sampling days. Some EPA provided equipment (calibrators) is calibrated under a national OAQPS contract. The ESAT staff will be required to coordinate with the OAQPS contractor to ensure annual calibration.

The group leader will review all field and laboratory data monthly. The review will include all fields incorporated into the PED database for determination of audit validity. Data corrections or clarifications will be documented in the PED and on hard copy forms. The hard copies will be signed and stored in a file as a record of changes. Upon completion of the review, the group leader will inform the TOCOR, and the data will be submitted to OAQPS contractor for upload to AQS. After upload to AQS, any data that is rejected during the upload must be re-evaluated and re-submitted to the OAQPS contractor for re-submittal to AQS.

#### **SOPs and Guidelines Available to the Contractor**

ESAT shall perform activities under this task in accordance with the methods described in the following documents or revisions, except when alternative procedures are specified in TDFs:

- PM<sub>2.5</sub> FRM Performance Evaluation Program for Field Standard Operating Procedures
- PM<sub>2.5</sub> FRM Performance Evaluation Program Laboratory Standard Operating Procedures
- Lead FRM Performance Evaluation Program for Field Standard Operating Procedures
- Implementation Plan: PM<sub>2.5</sub> Federal Reference Method Performance Evaluation Program
- Quality Assurance Guidance Document 2.12: Monitoring PM<sub>2.5</sub> in Ambient Air Using designated Reference or Class I Equivalent Methods
- PM<sub>2.5</sub> FRM Performance Evaluation Program Quality Assurance Project Plan
- Monitor-specific operating manuals

- SESD ISO 17025 guidelines

Program specific documents listed above are available through the Internet at the following address:  
[www.epa.gov/ttn/amtic/pmqa.html](http://www.epa.gov/ttn/amtic/pmqa.html)

ISO 17025 documents and guidance are located on the EPA LAN at H:\Field Accreditation SOPs

### **Deliverable**

The contractor shall submit interim and/or final deliverables as specified below for each assigned project:

Filters and appropriate data, field forms, and chain of custody forms shall be completed in accordance with the instructions contained in the above-referenced SOPs and shipped within eight to forty-eight hours of filter retrieval via hand delivery or overnight delivery service to the National PM<sub>2.5</sub> PEP Filter Weighing Laboratory, or as specified in TDFs. A field package consisting of electronic sampler data, field sheets, field notes (copy), and chain-of-custody forms (copy) shall be delivered to the TOCOR. Documentation to be included in the deliverables package may be specific to the site or the support requested and will be detailed in the TDFs or referenced SOPs. Contractor personnel must sign and date all field sheets, field logbooks, and chain-of-custody forms per ISO 17025 requirements.

On a monthly basis, the contractor shall submit to the TOCOR a field status report, indicating the work completed during the prior month. In addition, the report should note any problems found with implementation, equipment, or supplies during the week. All electronic data and associated electronic files will be uploaded to G:\gnoah\ISO PM25 NPAP Paper file on the SESD LAN.

All photographs taken on site will be of a digital format. Photographs requested should be submitted to the TOCOR via upload to the G:\gnoah\ISO PM25 NPAP Paper file on the SESD LAN within two weeks of the site reconnaissance. Each photograph must be clearly identified with the date and time the photo was taken, the monitoring location depicted in the photo, and the four cardinal directions represented in the photo.

Monthly data reviews are due to the TOCOR at the end of the following month for data reviewed. Errors discovered after the upload to AQS will be addressed by the EPA TOCOR and the PM<sub>2.5</sub> PEP group leader to investigate and correct inconsistencies.

The contractor shall provide and maintain an equipment inventory list of consumables, and purchasing history in the attachments of the contract SOW. The equipment and consumables inventories are referenced in Section 2 of the PM<sub>2.5</sub> Field SOP and documented on forms INV-01 and PRO-01 of the FRM PEP field SOP.

### **B. PM<sub>2.5</sub> Analytical Support**

In support of the PM<sub>2.5</sub> FRM Performance Evaluation Program the contractor shall prepare sample filters and perform gravimetric analyses of **approximately 75 particulate filters annually; 525 during the period of performance.** The contractor will utilize the analytical methods specified in the SOPs and the Quality Assurance Plan as indicated in the Purpose section above. Analyses will also include QA/QC samples. All work is to be completed in accordance with the SOPs and any modifications must be specified by TDF or specific direction from the TOCOR or National PM<sub>2.5</sub> PEP lead at OAQPS. The contractor shall perform all laboratory activities utilizing the laboratory methods as specified in the SOPs

for this activity.

The contractor shall ensure all personnel performing work under this TO have received the appropriate program specific training and have been certified annually by EPA to perform field activities under the NPAP and PM<sub>2.5</sub>PEP programs. All audit programs require specific training which will be conducted by EPA, and program specific training costs required by this TO must be included in this contract TO.

The contractor shall request filter media for the upcoming calendar year from the Region 4 TOCOR. The contractor will then receive sample filters from OAQPS and store them appropriately until use. Prior year filters should be used before newly received filters are put into service.

#### **Pre-sampling Activities**

- Filters will be received from EPA on the schedules as supplied by the Regions and examined for integrity based upon EPA approved SOPs.
- Filters will be equilibrated and weighed according to SOPs, and entered into the PED database.
- Filters will be prepared for field activities or stored according to SOPs.
- The laboratory will develop and maintain an inventory of shipping supplies which would include containers, cold packs, and chain-of-custody requirements/documentation.
- Filters will be received in the laboratory, checked for integrity (damage, temperature, etc.) and logged in.
- Filters will be maintained in the weighing lab until needed to fill a request.
- Filter batches will be equilibrated for a minimum of 24-hours (per SOPs).
- Filters will be weighed according to SOPs and pre-sampling activities entered into the PED database.
- The laboratory analyst will develop and maintain a filter weighing schedule to meet the needs of the client regions.
- Filters will be shipped to the regions promptly and according to the Laboratory SOP.

#### **Post-sampling Activities**

- Filters will be refrigerated ( $\leq 4$  degrees C) until an appropriate number is ready for batching.
- Filter batches will be brought into weighing facility and equilibrated for a minimum of 24-hours (per SOPs).
- All post sampling activities will be recorded in the PED database.
- Filters will be weighed according to SOPs and data entered into the PED database.
- Field/lab data will be entered into the PED database and updated weekly in order to calculate a concentration.
- Audit data, field and laboratory, will be verified and recommended for validation by the TOCOR.
- Required data will be validated by the TOCOR AND TOCOR for submittal to the OAQPS contractor who uploads the audit data to AQS.
- Any filters not uploading to AQS will be forwarded to the PM<sub>2.5</sub> group leader for investigation and resubmittal to OAQPS.
- Filters will be stored in archive for one year at 4°C and two years at ambient room temperature.

The contractor shall perform QA/QC related activities as associated with this task, such as calibrations, implementing blanks, duplicates, and QC checks, review of data and control charts, logbooks, chain-of-custody reports and deliverables.

The contractor shall provide and maintain an equipment inventory (including GFP), list of consumables, and purchasing history in the attachments of the contract SOW. The equipment and consumables inventories are referenced in Section 3 of the laboratory SOP and documented on forms INV-01 and INV-02.

### **Deliverable**

Sample filters will be delivered to the proper holding area or analyst as specified. Lab bench sheets/entry forms must be delivered and must indicate all appropriate procedures, weights, volumes, and standards used (lot numbers, traceability of standards must be in lab notebooks), times started and completed. The contractor personnel must sign and date all bench sheets or lab notebooks as specified in the SOPs.

The analyst will primarily use the PED database to electronically store all filter related weighing data. All filter weighing, maintenance activity, and flagging data/information will be entered into the PED database as work is conducted. Timely entry into the PED database is essential to properly calculate if QA parameters have been met. No deviation is allowed without direct instruction of the TOCOR.

Upon receipt of samples, the contractor will inform the TOCOR of any problems with sample integrity, sample condition, or accompanying sample paperwork. The TOCOR will evaluate the problem and provide alternate technical direction, if needed.

On a weekly basis, submit to the TOCOR, a lab status report for samples, indicating the work completed, work pending and estimated completion dates for active projects as directed by the SOP. In addition, note any problems found with equipment or supplies during the week.

On a weekly basis, the PED database will be updated to calculate audit concentrations and preliminary validity status. The group leader will use this dataset to complete the verification review described in PM<sub>2.5</sub> Analytical Support above.

### **C. Other Field & Analytical Requirements**

#### **QA/QC Support**

The contractor shall perform the following QA/QC support and other related activities:

**Filter Tracking-** The contractor shall track filters shipped to and received from the field and track samples through the analytical process using the PED database

**SOPs-** As specified by the TDF or on an annual basis, the contractor shall review all SOPs guidance documents and protocols used by the contractor for the performance of work specified in the Laboratory and Field Support of this Task Order and provide comments.

In addition, the contractor shall be required to perform laboratory-related activities which are necessary to support EPA QA requirements consistent with this contract SOW such as analyses of QA/QC samples and statistical analyses of analytical results outlined by the QAPP. Specific instructions will be given by

TDF.

**Deliverable**

The contractor shall submit to the TOCOR a weekly report of filter receipt and shipment for the prior week.

The contractor shall submit to the TOCOR any proposed changes to the field and laboratory SOPs and QAPPs. The list shall include the most recent date and version of the documents and the most recent date of review by the contractor.

**Maintenance and Repair/Health & Safety and Environmental Compliance Activities**

**Analytical Support:**

The Contractor shall maintain the laboratory facility by performing routine instrument and equipment maintenance, calibrations and certifications (per SOP), cleaning and preparation of glassware and equipment, and sample custodial duties.

The Contractor shall fulfill all SHEMP health & safety and environmental compliance responsibilities related to the fixed or mobile laboratories, including inspection of fume hoods, attainment and maintenance of required certifications, maintenance of fire extinguishers, etc.

**Field Support:**

The contractor shall assure the availability of one appropriate vehicle to perform all required activities of this Task Order. The contractor shall maintain the equipment, including the support vehicles, in road -ready condition to allow deployment for field projects on a continuous basis. Other activities include: maintenance and repairs to the vehicles such as tune-ups, tire, fluid and other routine checks; installation of instruments and gases and electrical repairs. In the event that scheduling produces a conflict, the contractor may use an EPA fleet vehicle with approval of the TOCOR or COR. The contractor shall perform routine field instrument and equipment maintenance, calibrations, verifications and certifications, cleaning and preparation of equipment, and sample custodial duties, minor repairs and sampler overhauls in accordance with applicable SOPs. The contractor shall maintain a continuous repair and maintenance log for each portable sampler.

**Deliverable**

Laboratory maintenance and health and safety and environmental compliance shall be included in the monthly status reports.

**Task Area III Analytical Logistical Support**

The contractor shall provide logistical support for the PM<sub>2.5</sub> Task Area I of this TO and as describe in the contract SOW Task Area III.

**Task Area V Other Task-Related Activities (may be tasked as a direct support function of Task Area I)**



#### **A. Specialized Technical Training**

The contractor shall ensure that all employees performing work under this TO have been provided any and all health & safety training required by law or regulation, or EPA regional policy.

The contractor shall attend vendor-specific training in new technologies or specialty equipment/instruments to maintain a qualified staff of personnel in accordance with Section H, contract clause H.36 (Approval of Training). Vendor specific training may include training related to analytical instrumentation, data review technology, software or other related material. The contractor shall also attend other EPA-specific training in accordance with the contract SOW Task Area V (Other Task related Activities). EPA specific training may include training in EPA specific computer systems and software, LIMS, SOPs, and methodologies.

As part of these national audit programs, EPA requires that all personnel performing field and laboratory work under this task order must receive EPA specific specialized training covering all aspects of the work which may include field operation, laboratory operation, and QA/QC activities. The contractor will be required to send all personnel anticipated to be assigned to this task order to one of the national training session task under the NPAP and PM<sub>2.5</sub> – PEP Task Orders. Upon successful completion of the training program, personnel will be certified to perform analytical work under this task order. No personnel may perform analytical work under this TO without prior certification by EPA. EPA-specific training shall be performed only upon prior issuance of a TDF, specifying the nature of and schedule for training.

In the event of personnel changes, the contractor should contact the TOCOR or COR to arrange for training and certification of new personnel.

#### **B. Implementation of Team Quality Assurance Program**

The contractor shall implement its quality assurance program in accordance with its EPA approved Quality Management Plan (QMP) that meets specifications in EPA QA/R2. The contractor shall prepare a Quality Assurance Project Plan (QAPP) according to the requirements outlined in EPA QA-R5 for activities under this TO involving environmental measurements within the time frames specified in the approved Work Plan for this TO or utilized a QMP & QAPP previously approved. The contractor shall revise its QMP and QAPP to meet appropriate changes in operations or in accordance with task requirements as required by EPA through the issuance of a TDF. EPA Quality Assurance guidance documents are located at [http://www.epa.gov/quality/qa\\_docs.html](http://www.epa.gov/quality/qa_docs.html).

#### **C. Tracking and Reporting (Management)**

This task order's costs shall be tracked separately and the internal, administrative and management activities necessary to effectively perform the services required by this support shall be included in these costs. The contractor shall break out from their monthly activity report the description of work accomplished under this TO and deliver a copy to the COR with the reports required in Attachment 7 Reports of Work in the contract SOW.

The contractor shall track the status of tasks and labor hours and charges for each task under this TO, including site-specific projects, in accordance with an SOP to be submitted by the contractor for EPA approval. The contractor shall provide the Contract Level-COR with reports of the above-referenced data at a minimum of monthly or with each invoice period.

Team management shall meet with the COR, TOCOR, and other designated EPA representatives on a



weekly basis or as needed, at agreed-upon times, to update EPA on the status of tasks and schedules for their completion and to address relevant administrative and technical issues.

The contractor shall submit all deliverables required under this TO and Attachment 7 of the contract SOW through a transmittal slip and cover letter identifying each document submitted. The contractor shall also maintain a hard copy and computer file of each deliverable submitted under this TO.

The contractor shall peer review all deliverables prior to submission to EPA. The peer reviewer shall not have been significantly involved in the direct preparation of the deliverable being reviewed. The review shall assure that each deliverable is accurate, complete, technically sound, and free of clerical errors. A copy of the appropriate Internal Review Form(s), completed in accordance with the contractor's Quality Management Plan, shall be provided to the TOCOR with each deliverable. If such a review cannot be performed on any deliverable, the contractor shall contact the COR and TOCOR prior to submission of the deliverable.

The contractor shall immediately notify the COR and TOCOR as soon as it appears schedules for the completion of any task may not be met. This notification shall be submitted via e-mail on a form developed by the contractor and approved by the COR. The contractor shall also notify the COR immediately upon learning of anything that may affect performance under this TO.

#### **D. Health & Safety**

The contractor shall implement or follow an approved health and safety program in accordance with its Health and Safety Plan and all applicable Federal, state, and local laws and regulations and EPA SESD Safety, Health, and Environmental Programs (SHEMP). The contractor shall revise its Health and Safety plan as needed to assure all requirements specified above are addressed.

The contractor shall submit to the COR and TOCOR a Health and Safety Plan or modifications to a previously approved plan within the time frame specified in the approved Work Plan for this TO.

#### **E. Occupational Health and Safety**

Facility site visits conducted under this TO which involve on-site inspections or sampling must be conducted in full compliance with the Department of Labor, Occupational Safety and Health Administration rules under 29 CFR Part 1910 and EPA Order 1440 (Occupational Health and Safety Manual) and Region 4 SESD's SHEMP.

#### **F. Contractor Communications**

After negotiations, the Contractor shall maintain at least weekly communications with the TOCOR regarding the status of the work on this TO.

#### **G. Information Collection**

Any other provision of this TO notwithstanding, the Contractor shall not proceed with any information collection where the same or similar information will be collected from ten or more public respondents until written authorization to begin work is received from the Contracting Officer. This authorization will cite an approval number from the Office of Management and Budget as required by the Paperwork Reduction Act (PRA).

Only Federal agencies and their employees are exempt from the PRA definition of Apublic respondent.@ State agencies and their employees are classified as Apublic respondents.@

Soliciting similar information applies to any collection method, i.e., written, oral electronic, etc., and utilizing any approach, i.e., surveys, phone calls, focus groups, TQM, etc.

Any question of applicability of the PRA shall be submitted in writing to the Contracting Officer. No collection shall be undertaken until the Contracting Officer provides written notice to the Contractor as to the applicability of the PRA. If the PRA is determined to be applicable, the Contractor shall not initiate any collection until the requisite authorization is received from the Contracting Officer.

The General Services Administration (GSA), under FIRMR Bulletin B-2 administers the Interagency Reports Management Program as derived from 44 U.W.C. Chapter 29 and 31. All work performed under this TO involving federal interagency reporting must be done in full compliance with these GSA procedures.

#### **H. Inherently Governmental Functions**

The Contractor shall not perform any inherently governmental functions (IGF) under this TO. If during the course of developing the plan of work, through receipt of technical direction, or in carrying out the assignment, any portion of the effort is considered to possibly be an IGF, the Contractor must immediately notify the Project Officer and the Contracting Officer.

In all instances, the contractor shall identify themselves as employees of ILS with the proper identification and badges at all times.

#### **I. Travel Costs**

The contractor shall follow the requirement of Subpart 31.205-43 and 31.205-46 of the Federal Acquisition Regulation (FAR) and the Federal regulation when incurring allowable travel costs under this TO, and correspondingly must at all times seek and obtain Government rates whenever available and observe current subsistence ceilings. Upon issuance of a TDF, separate approval for Contractor travel cost shall be obtained from the Contract Level- COR.

#### **J. Deliverables**

The contractor shall submit to the Contracting Officer (CO), COR, and TOCOR an SOP for tracking activities under this task with the TO Work Plan for EPA approval.

Monthly financial and status reports shall be delivered to COR with the monthly contract reports as outlined in the contract SOW Attachment 7.

The contractor shall submit to the COR and TOCOR reports of the status of tasks and costs under this TO. The reports shall be submitted on a weekly basis for the preceding week period or an agreed upon frequency.

The contractor shall submit to the COR and TOCOR a QMP and QAPP, covering applicable activities under this TO within the time frames specified in the approved Work Plan for this TO. The contractor

shall submit to the COR and TOCOR any revisions to its QMP and QAPP, in accordance with task requirements and TDFs issued by EPA.

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 001		3. EFFECTIVE DATE 09/16/2014		4. REQUISITION/PURCHASE REQ. NO. PR-OAR-14-01522	
5. PROJECT NO. (If applicable)		6. ISSUED BY SRRPOD		7. ADMINISTERED BY (If other than Item 6) CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ALION SCIENCE AND TECHNOLOGY CORPORATION Attn: PHYLLIS TURVEY 1000 BURR RIDGE PKWY (b)(4) BURR RIDGE IL 605270849		(x)		9A. AMENDMENT OF SOLICITATION NO.	
CODE 963450866		FACILITY CODE		9B. DATED (SEE ITEM 11)	
		x		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-13-024 0003	
				10B. DATED (SEE ITEM 13) 12/05/2013	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

Net Increase:

\$4,260.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)
X	B.8 Task Order Ordering Procedures; B.5 Limitation of the Government's Obligation (EPA-B-32-103) Tailored
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ 0 copies to the issuing office.	

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

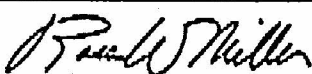
DUNS Number: 963450866

TOPO: Michael Crowe Max Expire Date: 09/15/2020

The purpose of this modification is to exercise Option Period 1 (Year 2) of this task order with an effective date of September 16, 2014. The ceiling amount for Option Period 1 is \$17,801.34. Additionally, funding for Option Period 1 (Year 2) in the amount of \$4,260.00 is hereby obligated to this task order; therefore increasing funding for the option period from \$0.00 by \$4260.00 to \$4260.00. The Contractor shall not bill against this accounting line until the option becomes effective on September 16, 2014.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Ross Miller	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16C. DATE SIGNED 09/11/2014	16B. SIGNATURE 

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-W-13-024/0003/001

PAGE OF

2

2

NAME OF OFFEROR OR CONTRACTOR

ALION SCIENCE AND TECHNOLOGY CORPORATION

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>LIST OF CHANGES:</p> <p>Reason for Modification : Exercise an Option Period Of Performance End Date changed from 2014-09-15 to 2015-09-15 Obligated Amount for this Modification: \$4,260.00</p> <p>CHANGES FOR LINE ITEM NUMBER: 2 Total Amount changed from \$0.00 to \$17,801.34 Obligated Amount for this modification: \$4,260.00 Incremental Funded Amount changed from \$0.00 to \$4,260.00 Exercised option</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 14-E1-53GS-102A17-4183-1453PM4134-001 DCN-LineID 1453PM4134-001 Amount: \$4,260.00</p> <p>Period of Performance: 09/25/2013 to 09/15/2015</p> <p>Total Task Order Value (Base &amp; Option 1): \$35,350.26 Total Task Order Direct LOE (Base &amp; Option 1): 712.5 Total Task Order Value - Option Period 1 (Year 2): \$17,801.34 Total Direct LOE - Option Period 1 (Year 2): 356.25 Total Funding as of Modification #01: \$21,260.00</p>				



<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 002		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)		6. ISSUED BY SRRPOD		7. ADMINISTERED BY (If other than Item 6)	
US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460		8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ALION SCIENCE AND TECHNOLOGY CORPORATION Attn: PHYLLIS TURVEY 1000 BURR RIDGE PKWY (b)(4) BURR RIDGE IL 605270849		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 9C. MODIFICATION OF CONTRACT/ORDER NO. EP-W-13-024 0003 10B. DATED (SEE ITEM 13) 12/05/2013	
CODE 963450866		FACILITY CODE		11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS	

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)
X	B.5 Limitation of the Government's Obligation (EPA-B-32-103) Tailored

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return \_\_\_\_\_ 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 963450866

TOCOR: Michael Crowe Max Expire Date: 09/15/2020

The purpose of this modification is to shift funds in the amount of \$12,713.98 from the Base Period onto Option Period 1. Because of procedural issues with the EAS system, this will be done in 2 parts. Modification 2 is the de-allocation of the funds from the Base Period. Modification 3 will be the re-allocation of these funds onto Option Period 1.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Danny Uhr	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. DATE SIGNED 02/19/2015	16C. DATE SIGNED

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED EP-W-13-024/0003/002	PAGE	OF
		2	2

NAME OF OFFEROR OR CONTRACTOR  
ALION SCIENCE AND TECHNOLOGY CORPORATION

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>LIST OF CHANGES:</p> <p>Reason for Modification : Funding Only Action</p> <p>Total Amount for this Modification: -\$12,713.98</p> <p>CHANGES FOR LINE ITEM NUMBER: 1</p> <p>CHANGES FOR ACCOUNTING CODE:</p> <p>11-E1-53GS-102A17-4183-1353PM3161-004</p> <p>Amount changed from \$14,244.00 to \$2,967.85</p> <p>NOTE TO RTP - These funds in the amount of \$11,276.15 are to be reallocated onto this same Task Order under Option Period 1.</p> <p>CHANGES FOR ACCOUNTING CODE:</p> <p>12-E1-53GS-102A17-4183-1353PM3161-003</p> <p>Amount changed from \$2,756.00 to \$2,027.96</p> <p>NOTE TO RTP - These funds in the amount of \$728.04 are to be reallocated onto this same Task Order under Option Period 1.</p> <p>Period of Performance: 09/25/2013 to 09/15/2015</p> <p>Total Task Order Value (Base &amp; Option 1): \$35,350.26</p> <p>Total Task Order Direct LOE (Base &amp; Option 1): 712.5</p> <p>Total Task Order Value - Option Period 1 (Year 2): \$17,801.34</p> <p>Total Direct LOE - Option Period 1 (Year 2): 356.25</p> <p>Total Funding as of Modification #02: \$21,260.00</p>				



<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 003		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)		6. ISSUED BY SRRPOD		7. ADMINISTERED BY (If other than Item 6)	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ALION SCIENCE AND TECHNOLOGY CORPORATION Attn: PHYLLIS TURVEY 1000 BURR RIDGE PKWY (b)(4) BURR RIDGE IL 605270849		(x)		9A. AMENDMENT OF SOLICITATION NO.	
CODE 963450866		FACILITY CODE		9B. DATED (SEE ITEM 11)	
		x		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-13-024 0003	
				10B. DATED (SEE ITEM 13) 12/05/2013	

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

See Schedule

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) B.5 Limitation of the Government's Obligation (EPA-B-32-103) Tailored

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return \_\_\_\_\_ 0 copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

DUNS Number: 963450866

TOCOR: Michael Crowe Max Expire Date: 09/15/2020

The purpose of this modification is to shift funds in the amount of \$12,004.19 from the Base Period onto Option Period 1. Because of procedural issues with the EAS system, this was done in 2 parts. Modification 2 was a de-allocation of the funds from the Base Period. Modification 3 has re-allocated these funds onto Option Period 1.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Danny Uhr	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. DATE SIGNED 02/19/2015	ELECTRONIC SIGNATURE

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-W-13-024/0003/003

PAGE OF

2

2

NAME OF OFFEROR OR CONTRACTOR

ALION SCIENCE AND TECHNOLOGY CORPORATION

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>LIST OF CHANGES:</p> <p>Reason for Modification : Funding Only Action Total Amount for this Modification: \$0.00</p> <p>CHANGES FOR LINE ITEM NUMBER: 2</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 11-E1-53GS-102A17-4183-1353PM3161-004 DCN-LineID 1353PM3161-004 Amount: \$11,276.15</p> <p>NOTE TO RTP - The funds above in the amount of \$11,276.15 are being reallocated from the Base Period of the same task order.</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 12-E1-53GS-102A17-4183-1353PM3161-003 DCN-LineID 1353PM3161-003 Amount: \$728.04</p> <p>NOTE TO RTP - The funds above in the amount of \$728.04 are being reallocated from the Base Period of the same task order.</p> <p>Period of Performance: 09/25/2013 to 09/15/2015 Total Task Order Value (Base &amp; Option 1): \$35,350.26 Total Task Order Direct LOE (Base &amp; Option 1): 712.5 Total Task Order Value - Option Period 1 (Year 2): \$17,801.34 Total Direct LOE - Option Period 1 (Year 2): 356.25 Total Funding as of Modification #03: \$21,260.00</p>				

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		<b>1. CONTRACT ID CODE</b>		<b>PAGE OF PAGES</b>	
				1 3	
<b>2. AMENDMENT/MODIFICATION NO.</b>		<b>3. EFFECTIVE DATE</b>		<b>4. REQUISITION/PURCHASE REQ. NO.</b>	
004		See Block 16C		PR-OAR-15-01723	
<b>6. ISSUED BY</b>		<b>7. ADMINISTERED BY (If other than Item 6)</b>		<b>5. PROJECT NO. (If applicable)</b>	
SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460					
<b>8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)</b>		<b>9A. AMENDMENT OF SOLICITATION NO.</b>		<b>9B. DATED (SEE ITEM 11)</b>	
ALION SCIENCE AND TECHNOLOGY CORPORATION Attn: PHYLLIS TURVEY 1000 BURR RIDGE PKWY (b)(4) BURR RIDGE IL 605270849		(x)			
		x		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-13-024 0003	
				10B. DATED (SEE ITEM 13) 12/05/2013	
<b>CODE</b> 963450866		<b>FACILITY CODE</b>			

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

See Schedule

Net Increase:

\$12,000.00

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

<b>CHECK ONE</b>	<b>A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.</b>
	<b>B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).</b>
	<b>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</b>
	<b>D. OTHER (Specify type of modification and authority)</b>
X	<b>B.5 Limitation of the Government's Obligation</b>

**E. IMPORTANT:** Contractor ☒ is not, ☐ is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

DUNS Number: 963450866

TOCOR: Michael Crowe Max Expire Date: 09/15/2020

The purpose of this modification is to exercise Task Order Option Period 2 (Contract Base Period Year 3) of this task order. The total ceiling amount for Base Option Period 2 (Year 3) is \$18,132.08. Additionally, funds are hereby obligated in the amount of \$12,000.00 in support of all task areas of the Statement of Work.

**LIST OF CHANGES:**


Reason for Modification : Exercise an Option

Total Amount for this Modification: \$87,532.10

New Total Amount for this Version: \$87,532.10

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

<b>15A. NAME AND TITLE OF SIGNER (Type or print)</b>		<b>16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)</b>	
		Ross Miller	
<b>15B. CONTRACTOR/OFFEROR</b>	<b>15C. DATE SIGNED</b>	<b>16B. UNITED STATES OF AMERICA</b>	<b>16C. DATE SIGNED</b>
(Signature of person authorized to sign)		 (Signature of Contracting Officer)	09/15/2015 ELECTRONIC SIGNATURE

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-W-13-024/0003/004

PAGE OF

2

3

NAME OF OFFEROR OR CONTRACTOR

ALION SCIENCE AND TECHNOLOGY CORPORATION

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>New Total Amount for this Award: \$122,882.36 Obligated Amount for this Modification: \$12,000.00 New Total Obligated Amount for this Award: \$33,260.0 Incremental Funded Amount changed: from \$21,260.00 to \$33,260.00</p> <p>CHANGES FOR LINE ITEM NUMBER: 3 Description changed from Contract Base Period - Year 3 to Contract Base Option Period 2 - Year 3 Total Amount changed from \$0.00 to \$18,132.08 Obligated Amount for this modification: \$12,000.00 Incremental Funded Amount changed from \$0.00 to \$12,000.00 Exercised option</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 14-E1-53GS-102A17-4183-1553PM5145-001 Amount: \$12,000.00</p> <p>Total Task Order Value: \$53,482.34 (Base Period: \$17,548.00) (Option Period 1: \$17,801.34) (Option Period 2: \$18,132.08) Total Task Order Value with all Options: \$122,882.36 Total Task Order Funded Amount: \$33,260.00 (Base Period: \$17,000.00) Allocated (Option Period 1: \$4,260.00) (Option Period 2: \$12,000.00)</p> <p>Period of Performance: 09/25/2013 to 09/15/2016</p>				
0004	Contract Option Period 1 - Year 4 (Option Line Item) 09/15/2016				18,472.07
0005	Contract Option Period 1- Year 5 (Option Line Item) 09/15/2017				18,982.50
0006	Contract Award Term 1 - Year 6 Continued ...				19,170.45

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-W-13-024/0003/004

PAGE OF

3

3

NAME OF OFFEROR OR CONTRACTOR

ALION SCIENCE AND TECHNOLOGY CORPORATION

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	(Option Line Item) 09/15/2018				
0007	Contract Award Term 1 - Year 7 (Option Line Item) 09/15/2019				12,775.00



<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE		PAGE OF PAGES 1   3	
2. AMENDMENT/MODIFICATION NO. 005		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. PR-OAR-16-01414	
5. PROJECT NO. (If applicable)		6. ISSUED BY SRRPOD		7. ADMINISTERED BY (If other than Item 6)	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ALION SCIENCE AND TECHNOLOGY CORPORATION Attn: PHYLLIS TURVEY 1000 BURR RIDGE PKWY (b)(4) BURR RIDGE IL 605270849		9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)	
9C. DATED (SEE ITEM 11)		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-13-024 0003		10B. DATED (SEE ITEM 13) 12/05/2013	
CODE 963450866		FACILITY CODE		11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS	

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
See Schedule Net Increase: \$2,500.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: B.8 Task Order Ordering Procedures; B.5 LIMITATION OF GOVERNMENT'S OBLIGATION (EPA-B-32-103) TAILORED
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not. ☒ is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 963450866

TOCOR: Michael Crowe Max Expire Date: 09/15/2020

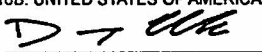
The purpose of this modification is to:

- 1) exercise the Task Order Option Period 3 (Year 4),
- 2) obligate \$2,500.00 to this task order.
- 3) The total ceiling amount for Task Order Option Period 3 (Year 4) is \$ \$18,472.07, and
- 4) The total amount funded available on this task order is \$35,760.00.
- 5) The Contracting Officer Representative changed from Sandra Aker to Mike Crowe, and Alternate is Cindy Gurley.

LIST OF CHANGES:

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Danny Uhr	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 09/08/2016

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
EP-W-13-024/0003/005PAGE OF  
2 3NAME OF OFFEROR OR CONTRACTOR  
ALION SCIENCE AND TECHNOLOGY CORPORATION

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Reason for Modification : Funding Only Action Period Of Performance End Date changed from 15-SEP-16 to 15-SEP-17 New Total Amount for this Version: \$71,954.41 New Total Amount for this Award: \$122,882.36 Obligated Amount for this Modification: \$2,500.00 New Total Obligated Amount for this Award: \$35,760.00 Incremental Funded Amount changed: from \$33,260.00 to \$35,760.00 Contracting Officer Representative changed from Sandra Aker to Mike Crowe Alt Contracting Officer Representative Cindy Gurley</p> <p>CHANGES FOR LINE ITEM NUMBER: 4 Description changed from Contract Option Period 1 - Year 4 to Contract Option Period 1, Task Order Option Period 3 - Year 4 Obligated Amount for this modification: \$2,500.00 Incremental Funded Amount changed from \$0.00 to \$2,500.00 Exercised option</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 16-E1-53GS-102A17-4183-1653PM6137-004 Amount: \$2,500.00</p> <p>Total Task Order Value: \$71,954.41 (Base Period: \$17,548.00) (Option Period 1: \$17,801.34) (Option Period 2: \$18,132.08) (Option Period 3: \$18,472.07) Total Task Order Value with all Options: \$122,882.36 Total Task Order Funded Amount: \$35,760.00 (Base Period: \$17,000.00)Allocated (Option Period 1: \$4,260.00) (Option Period 2: \$12,000.00) (Option Period 2: \$2,500.00)</p> <p>Period of Performance: 09/25/2013 to 09/15/2017</p>				



**EP-W-13-024 Modification #5**

**G.5 CONTRACT ADMINISTRATION REPRESENTATIVES (EP 52.242-100) (AUG 1984)**

**Project Officer(s) for this contract:**

Mike Crowe

U.S. EPA Region 4 ESAT

980 College Station Rd

Athens, GA 30605

Phone: (706) 335-8687

E-mail: [crowe.mike@epa.gov](mailto:crowe.mike@epa.gov)

**Alternate Project Officer:**

Cindy Gurley

U.S. EPA Region 4 ESAT

980 College Station Rd

Athens, GA 30605

Phone: (706) 335-8630

E-mail: [gurley.cindy@epa.gov](mailto:gurley.cindy@epa.gov)

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE		PAGE OF PAGES 1 3	
2. AMENDMENT/MODIFICATION NO. 006		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. PR-OAR-17-00111	
5. PROJECT NO. (If applicable)		6. ISSUED BY SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460		7. ADMINISTERED BY (If other than Item 6) CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ALION SCIENCE AND TECHNOLOGY CORPORATION Attn: PHYLLIS TURVEY 1000 BURR RIDGE PKWY (b)(4) BURR RIDGE IL 605270849		(x)		9A. AMENDMENT OF SOLICITATION NO.	
CODE 963450866		FACILITY CODE		9B. DATED (SEE ITEM 11)	
		x		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-13-024 0003	
				10B. DATED (SEE ITEM 13) 12/05/2013	

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

See Schedule

Net Increase:

\$12,587.60

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) B.5 LIMITATION OF GOVERNMENT'S OBLIGATION (EPA-B-32-103) TAILORED

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

DUNS Number: 963450866

TOCOR: Michael Crowe Max Expire Date: 09/15/2020

The purpose of this modification is to obligate \$12,587.60 to option period 3 year 4 of this task order.

**LIST OF CHANGES:**

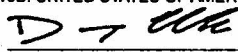
Reason for Modification : Funding Only Action

Obligated Amount for this Modification: \$12,587.60

New Total Obligated Amount for this Award: \$48,347.60

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Danny Uhr	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 11/22/2016

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
EP-W-13-024/0003/006

PAGE 2 OF 3

NAME OF OFFEROR OR CONTRACTOR

ALION SCIENCE AND TECHNOLOGY CORPORATION

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>CHANGES FOR LINE ITEM NUMBER: 4</p> <p>Obligated Amount for this modification: \$12,587.60</p> <p>Incremental Funded Amount changed from \$2,500.00 to \$15,087.60</p> <p>NEW ACCOUNTING CODE ADDED:</p> <p>Account code:</p> <p>16-E1-53GS-102A17-4183-1753PM7014-001</p> <p>Amount: \$12,587.60</p> <p>Total Task Order Value: \$71,954.41</p> <p>(Base Period: \$17,548.00)</p> <p>(Option Period 1: \$17,801.34)</p> <p>(Option Period 2: \$18,132.08)</p> <p>(Option Period 3: \$18,472.07)</p> <p>Total Task Order Value with all Options:</p> <p>\$122,882.36</p> <p>Total Task Order Funded Amount: \$48,347.60</p> <p>(Base Period: \$4,995.81)</p> <p>(Option Period 1: \$16,264.19)</p> <p>(Option Period 2: \$12,000.00)</p> <p>(Option Period 2: \$15,087.60)</p> <p>Delivery Location Code: R4 SESD</p> <p>R4 SESD</p> <p>980 College Station Road</p> <p>Athens GA 30605</p> <p>Period of Performance: 09/25/2013 to 09/15/2017</p>				

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 007		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. PR-SRRPOD-17-00102	
5. PROJECT NO. (If applicable)		6. ISSUED BY SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N.W. Mail Code: 3805R Washington DC 20460		7. ADMINISTERED BY (If other than Item 6) CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ALION SCIENCE AND TECHNOLOGY CORPORATION Attn: PHYLLIS TURVEY 1000 BURR RIDGE PKWY (b)(4) BURR RIDGE IL 605270849		(x)		9A. AMENDMENT OF SOLICITATION NO.	
CODE 963450866		FACILITY CODE		9B. DATED (SEE ITEM 11)	
		x		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-13-024 0003	
				10B. DATED (SEE ITEM 13) 12/05/2013	

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

See Schedule

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) B.5 LIMITATION OF GOVERNMENT'S OBLIGATION (EPA-B-32-103) TAILORED

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

DUNS Number: 963450866

TOCOR: Michael Crowe Max Expire Date: 09/15/2020

The purpose of this modification is to shift funds in the amount of \$42.79 from Option Period 2 (year 3) onto the base year 1.

**LIST OF CHANGES:**

Reason for Modification : Funding Only Action

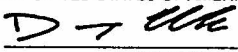
New Total Amount for this Award: \$122,882.36

CHANGES FOR LINE ITEM NUMBER: 1

Obligated Amount for this modification: \$42.79

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Danny Uhr	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 02/23/2017

NSN 7540-01-152-8070  
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)  
Prescribed by GSA  
FAR (48 CFR) 53.243

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
EP-W-13-024/0003/007

PAGE 2 OF 2

NAME OF OFFEROR OR CONTRACTOR

ALION SCIENCE AND TECHNOLOGY CORPORATION

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Incremental Funded Amount changed from \$4,995.81 to \$5,038.60</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 14-E1-53GS-102A17-4183-1553PM5145-001 Amount: \$42.79</p> <p>CHANGES FOR LINE ITEM NUMBER: 3 Obligated Amount for this modification: -\$42.79 Incremental Funded Amount changed from \$12,000.00 to \$11,957.21</p> <p>CHANGES FOR ACCOUNTING CODE: 14-E1-53GS-102A17-4183-1553PM5145-001 Amount changed from \$12,000.00 to \$11,957.21 Total Task Order Value: \$71,954.41 (Base Period: \$17,548.00) (Option Period 1: \$17,801.34) (Option Period 2: \$18,132.08) (Option Period 3: \$18,472.07) Total Task Order Value with all Options: \$122,882.36 Total Task Order Funded Amount: \$48,347.60 (Base Period: \$5,038.60) (Option Period 1: \$16,264.19) (Option Period 2: \$11,957.21) (Option Period 3: \$15,087.60)</p> <p>Delivery Location Code: R4 SESD R4 SESD 980 College Station Road Athens GA 30605</p> <p>Period of Performance: 09/25/2013 to 09/15/2017</p>				



<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 008		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. PR-OAR-17-01102	
5. PROJECT NO. (If applicable)		6. ISSUED BY SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460		7. ADMINISTERED BY (If other than Item 6) CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ALION SCIENCE AND TECHNOLOGY CORPORATION Attn: PHYLLIS TURVEY 1000 BURR RIDGE PKWY (b)(4) BURR RIDGE IL 605270849		(x)		9A. AMENDMENT OF SOLICITATION NO.	
CODE 963450866		FACILITY CODE		9B. DATED (SEE ITEM 11)	
		x		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-13-024 0003	
				10B. DATED (SEE ITEM 13) 12/05/2013	

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

See Schedule

Net Increase:

\$12,914.48

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) B.8 TASK ORDER ORDERING PROCEDURES; B.5 LIMITATION OF GOVERNMENT'S OBLIGATION (EPA-B-32-103) TAILORED

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

DUNS Number: 963450866

TOCOR: Michael Crowe Max Expire Date: 09/15/2020

The purpose of this modification is to exercise Task Order Option Period 4 (year 5) of this task order. The total ceiling amount for Task Order Option Period 4 (year 5) is \$18,982.50.

The total funded amount for Task Option Period 4 (year 5) is \$12,914.48.

**LIST OF CHANGES:**

Reason for Modification : Exercise an Option

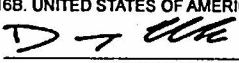
Period Of Performance End Date changed from 15-SEP-17 to 15-SEP-18

New Total Amount for this Version: \$18,982.50

New Total Amount for this Award: \$122,882.36

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Danny Uhr	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 09/08/2017

NSN 7540-01-152-8070  
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)  
Prescribed by GSA  
FAR (48 CFR) 53.243

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-W-13-024/0003/008

PAGE OF

2

2

NAME OF OFFEROR OR CONTRACTOR

ALION SCIENCE AND TECHNOLOGY CORPORATION

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Obligated Amount for this Modification: \$12,914.48 New Total Obligated Amount for this Award: \$44,262.08 Incremental Funded Amount changed: from \$31,347.60 to \$44,262.08</p> <p>CHANGES FOR LINE ITEM NUMBER: 5 Obligated Amount for this modification: \$12,914.48 Incremental Funded Amount changed from \$0.00 to \$12,914.48 Exercised option</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 16-E1-53GS-102A17-4183-1753PM7083-001 Amount: \$12,914.48</p> <p>Delivery Location Code: R4 SESD R4 SESD 980 College Station Road Athens GA 30605</p> <p>Period of Performance: 09/25/2013 to 09/15/2018</p>				



<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. P00009		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. PR-SRRPOD-18-00059	
5. PROJECT NO. (If applicable)		6. ISSUED BY SRRPOD		7. ADMINISTERED BY (If other than Item 6)	
US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460		8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ALION SCIENCE AND TECHNOLOGY CORPORATION Attn: PHYLLIS TURVEY 1000 BURR RIDGE PKWY (b)(4) BURR RIDGE IL 605270849		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 9C. MODIFICATION OF CONTRACT/ORDER NO. EP-W-13-024 0003 9D. DATED (SEE ITEM 13) 12/05/2013	
CODE 963450866		FACILITY CODE			

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

See Schedule

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) B.5 LIMITATION OF GOVERNMENT'S OBLIGATION (EPA-B-32-103) TAILORED

**E. IMPORTANT:** Contractor ☒ is not. ☐ is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

DUNS Number: 963450866

TOCOR: Michael Crowe Max Expire Date: 09/15/2020

The purpose of this modification is to shift funds in the amount of \$4,815.24 from Option Period 3 onto Option Period 4. The funding for Option Period 4 has therefore increased from \$12,914.48 to \$17,729.72.

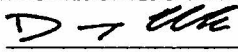
**LIST OF CHANGES:**

Reason for Modification : Funding Only Action

Total Amount for this Modification: \$0.00

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Danny Uhr	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 12/21/2017

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
EP-W-13-024/0003/P00009PAGE OF  
2 2

NAME OF OFFEROR OR CONTRACTOR

ALION SCIENCE AND TECHNOLOGY CORPORATION

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>CHANGES FOR LINE ITEM NUMBER: 4 Obligated Amount for this modification: -\$4,815.24 Incremental Funded Amount changed from \$15,087.60 to \$10,272.36</p> <p>CHANGES FOR ACCOUNTING CODE: 16-E1-53GS-102A17-4183-1753PM7014-001 Amount changed from \$12,587.60 to \$7,772.36</p> <p>CHANGES FOR LINE ITEM NUMBER: 5 Obligated Amount for this modification: \$4,815.24 Incremental Funded Amount changed from \$12,914.48 to \$17,729.72</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 16-E1-53GS-102A17-4183-1753PM7014-001 DCN-LineID 1753PM7014-001 Amount: \$4,815.24</p> <p>Period of Performance: 09/25/2013 to 09/15/2018 Total Task Order Value: \$90,936.91 (Base Period: \$17,548.92) (Option Period 1: \$17,801.34) (Option Period 2: \$18,132.08) (Option Period 3: \$18,472.07) (Option Period 4: \$18,982.50) Total Task Order Funded Amount: \$61,262.08 (Base Period: \$5,038.60) (Option Period 1: \$16,264.19) (Option Period 2: \$11,957.21) (Option Period 3: \$10,272.36) (Option Period 4: \$17,729.72)</p>				

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. P00010		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. PR-OAR-18-01399	
5. PROJECT NO. (If applicable)		6. ISSUED BY Region 4 US Environmental Protection Agency Atlanta Federal Center 61 Forsyth Street, SW Atlanta GA 30303-3104		7. ADMINISTERED BY (If other than Item 6)	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ALION SCIENCE AND TECHNOLOGY CORPORATION Attn: (b)(4) 1750 TYSONS BLVD SUITE 1300 MC LEAN VA 22102		(x)		9A. AMENDMENT OF SOLICITATION NO.	
CODE 963450866		FACILITY CODE		9B. DATED (SEE ITEM 11)	
		x		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-13-024 0003	
				10B. DATED (SEE ITEM 13) 12/05/2013	

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
See Schedule Net Increase: \$19,000.00

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) B.5 LIMITATION OF GOVERNMENT'S OBLIGATION (EPA-B-32-103) TAILORED

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

DUNS Number: 963450866

TOCOR: Cindy Gurley Max Expire Date: 09/15/2020 Invoice Approver: Cindy Gurley

In accordance with Clause B.8 Task Order Ordering Procedures of the contract, this modification is issued to exercise the Task Order Award Term 1 (year 6) of this task order. The new period of performance is September 16, 2018 to September 15, 2019. Incremental funding in the amount of \$19,000.00 is added. The ceiling amount for the Task Order Award Term 1 (year 6) is \$19,170.45.

**LIST OF CHANGES:**

Reason for Modification: Exercise an Option  
Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Samuel Richardson	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  ELECTRONIC SIGNATURE Samuel Richardson (Signature of Contracting Officer)	16C. DATE SIGNED 09/07/2018

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
EP-W-13-024/0003/P00010PAGE OF  
2 2NAME OF OFFEROR OR CONTRACTOR  
ALION SCIENCE AND TECHNOLOGY CORPORATION

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Period Of Performance End Date changed from 15-SEP-18 to 15-SEP-19</p> <p>New Total Amount for this Version: \$19,170.45</p> <p>New Total Amount for this Award: \$122,882.36</p> <p>Obligated Amount for this Modification: \$19,000.00</p> <p>New Total Obligated Amount for this Award: \$63,262.08</p> <p>Incremental Funded Amount changed: from \$44,262.08 to \$63,262.08</p> <p>Invoice Approving Official changed to : Cindy Gurley</p> <p>CHANGES FOR LINE ITEM NUMBER: 6</p> <p>Obligated Amount for this Modification: \$19,000.00</p> <p>Incremental Funded Amount changed from \$0.00 to \$19,000.00</p> <p>Exercised option FOB changed from Destination to</p> <p>NEW ACCOUNTING CODE ADDED:</p> <p>Account code:</p> <p>18-E1-53GS-000A17-4183-1853PM8112-001</p> <p>Beginning FiscalYear 18</p> <p>Ending Fiscal Year</p> <p>Fund (Appropriation) E1</p> <p>Budget Organization 53GS</p> <p>Program (PRC) 000A17</p> <p>Budget (BOC) 4183</p> <p>Job # (Site/Project)</p> <p>Cost Organization</p> <p>DCN-LineID 1853PM8112-001</p> <p>Quantity: 0</p> <p>Amount: \$19,000.00</p> <p>Delivery Location Code: R4 SESD</p> <p>R4 SESD</p> <p>980 College Station Road</p> <p>Athens GA 30605</p> <p>Period of Performance: 09/25/2013 to 09/15/2019</p>				